

# Rio Vista Residence

case study  
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Location: Dallas



**Architect:** Buchanan Architecture

**Owner:** N/A

**Year of completion:** 2018

**Climate:** Humid Subtropical Climate

**Material of interest:** corrugated-steel, Alusion

**Application:** Exterior

**Properties of material:** Buchanan Architecture created three segments in the entrance wing, including a courtyard lined with perforated walls. The material is a stabilised aluminium foam called Alusion, and is created by injecting air into molten metal to create pockets for filtering natural light and air.

**Sources:**

<https://www.dezeen.com/2018/09/28/rio-vista-residence-buchanan-architecture-dallas-texas/>